

TABLE 1. Number, incidence rate<sup>1</sup>, and median days<sup>2</sup> away from work for nonfatal occupational injuries and illnesses involving days away from work<sup>3</sup> for musculoskeletal disorders<sup>4</sup> by nature of injury or illness and ownership, Michigan, 2013

Nature	Musculoskeletal disorders (MSDs)		
	Number	Incidence rate	Median days away from work
<b>Total private industry</b> <sup>5,6,7</sup> .....	9,340	34.4	10
<b>Traumatic injuries and disorders</b> .....	8,810	32.5	9
Traumatic injuries to bones, nerves, spinal cord .....	30	.1	33
Traumatic injuries to nerves, except the spinal cord .....	30	.1	33
Pinched nerve .....	30	.1	33
Traumatic injuries to muscles, tendons, ligaments, joints, etc. ....	6,950	25.6	8
Dislocations .....	40	.2	90
Herniated discs .....	40	.2	90
Cartilage fractures and tears .....	50	.2	45
Meniscus tears .....	50	.2	45
Sprains, strains, tears .....	6,460	23.8	7
Sprains, strains, tears, unspecified .....	350	1.3	29
Major tears to muscles, tendons, ligaments .....	240	.9	48
Sprains .....	830	3.1	7
Strains .....	4,930	18.2	6
Multiple sprains, strains, tears .....	110	.4	34
Hernias due to traumatic incidents .....	390	1.4	27
Other traumatic injuries and disorders .....	1,830	6.8	16
Nonspecified injuries and disorders .....	1,830	6.8	16
Soreness, pain, hurt—nonspecified injury .....	1,760	6.5	15
Swelling, inflammation, irritation—nonspecified injury .....	70	.2	36
<b>Diseases and disorders of body systems</b> .....	530	2.0	27
Nervous system and sense organs diseases .....	240	.9	42
Disorders of the peripheral nervous system .....	240	.9	42
Carpal tunnel syndrome .....	240	.9	42
Musculoskeletal system and connective tissue diseases and disorders .....	290	1.1	14
Soft tissue disorders, except the back .....	260	1.0	14
Soft tissue disorder, except the back, unspecified .....	20	.1	32
Stenosing tenosynovitis .....	60	.2	16
Other tenosynovitis, synovitis .....	40	.1	2
Epicondylitis .....	40	.2	18
Other or unspecified tendonitis (tendinitis) .....	50	.2	3
Ganglion or cystic tumor .....	30	.1	14
Soft tissue disorder, except the back, n.e.c. ....	20	.1	104
<b>Total state government</b> <sup>5,6,7</sup> .....	360	28.4	8
<b>Traumatic injuries and disorders</b> .....	350	28.0	8
Traumatic injuries to muscles, tendons, ligaments, joints, etc. ....	310	24.5	10
Sprains, strains, tears .....	300	24.0	10
Sprains, strains, tears, unspecified .....	40	3.2	5
Sprains .....	140	10.8	5
Strains .....	120	9.8	16
Other traumatic injuries and disorders .....	40	3.5	5
Nonspecified injuries and disorders .....	40	3.5	5
Soreness, pain, hurt—nonspecified injury .....	40	3.5	5
<b>Total local government</b> <sup>5,6,7</sup> .....	870	35.0	20

See footnotes at end of table.

TABLE 1. Number, incidence rate<sup>1</sup>, and median days<sup>2</sup> away from work for nonfatal occupational injuries and illnesses involving days away from work<sup>3</sup> for musculoskeletal disorders<sup>4</sup> by nature of injury or illness and ownership, Michigan, 2013 — Continued

Nature	Musculoskeletal disorders (MSDs)		
	Number	Incidence rate	Median days away from work
<b>Traumatic injuries and disorders</b> .....	850	34.4	21
Traumatic injuries to muscles, tendons, ligaments, joints, etc. ....	780	31.4	21
Sprains, strains, tears .....	770	31.0	21
Sprains, strains, tears, unspecified .....	30	1.2	9
Major tears to muscles, tendons, ligaments .....	20	.9	5
Sprains .....	130	5.1	75
Strains .....	560	22.5	12
Multiple sprains, strains, tears .....	30	1.3	120
Other traumatic injuries and disorders .....	70	3.0	8
Nonspecified injuries and disorders .....	70	3.0	8
Soreness, pain, hurt—nonspecified injury .....	70	2.9	8
<b>Diseases and disorders of body systems</b> .....	20	.6	19

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: (N/EH) x 20,000,000 where

N = number of injuries and illnesses  
EH = total hours worked by all employees during the calendar year

20,000,000 = base for 10,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Median days away from work is the measure used to summarize the varying lengths of absences from work among the cases with days away from work. Half the cases involved more days and half involved less days than a specified median. Median days away from work are represented in actual values.

<sup>3</sup> Days-away-from-work cases include those that resulted in days away from work, some of which also included job transfer or restriction.

<sup>4</sup> Musculoskeletal disorders (MSDs) include cases where the nature of the injury or illness is pinched nerve; herniated disc; meniscus tear; sprains, strains, tears; hernia (traumatic and nontraumatic); pain, swelling, and numbness; carpal or tarsal tunnel syndrome; Raynaud's syndrome or phenomenon; musculoskeletal system and connective tissue diseases and disorders, and when the event or exposure leading to the injury or illness is overexertion and bodily reaction, unspecified; overexertion involving outside sources; repetitive motion involving microtasks; other and multiple exertions or bodily reactions; and rubbed, abraded, or jarred by vibration.

<sup>5</sup> Excludes farms with fewer than 11 employees.

<sup>6</sup> Data for Mining (Sector 21 in the *North American Industry Classification System*-- United States, 2007) include establishments not governed by the Mine Safety and Health Administration rules and reporting, such as those in Oil and Gas Extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore, estimates for these industries are not comparable to estimates in other industries.

<sup>7</sup> Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

Note: Dash indicates data do not meet publication guidelines. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.

Source: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating State agencies.